

WHAT IS CLAIMED IS:

1. A fluororubber molded article obtained by a process comprising subjecting a fluororubber composition to crosslinking by irradiation of ionizing radiation,

wherein said fluororubber composition comprises:

(i) a raw rubber which comprises a tetrafluoroethylene-propylene copolymer and which has a metal element content of 1.5% by weight or less; and

(ii) silica which has a primary particle size of 0.5 μm or less and which has been treated to have a hydrophobic surface, in an amount of from 1 to 30 parts by weight per 100 parts by weight of said raw rubber (i).

2. The fluororubber molded article according to claim 1, wherein said fluororubber composition further comprises triallyl isocyanurate in an amount of 0.1 to 20 parts by weight per 100 parts by weight of said raw rubber (i).

3. The fluororubber molded article according to claim 1, wherein said process further comprises subjecting the molded article to heat treatment at a temperature of 50 to 300°C for 0.1 to 10 hours.

4. A method for producing a fluororubber molded article, which comprises the steps of:

(A) providing a fluororubber composition comprising:

(i) a raw rubber which comprises a tetrafluoroethylene-propylene copolymer and which has a metal element content of 1.5% by weight or less; and

(ii) silica which has a primary particle size of 0.5 μm or less and which has been treated to have a hydrophobic surface;

(B) preforming said fluororubber composition into a predetermined form in a heated atmosphere to obtain a preformed product; and

(C) subjecting said preformed product to crosslinking by irradiation of ionizing radiation to obtain a crosslinked product.

5. The method according to claim 4, further comprising heat treating said crosslinked product at a temperature of 50 to 300°C for 0.1 to 10 hours.